

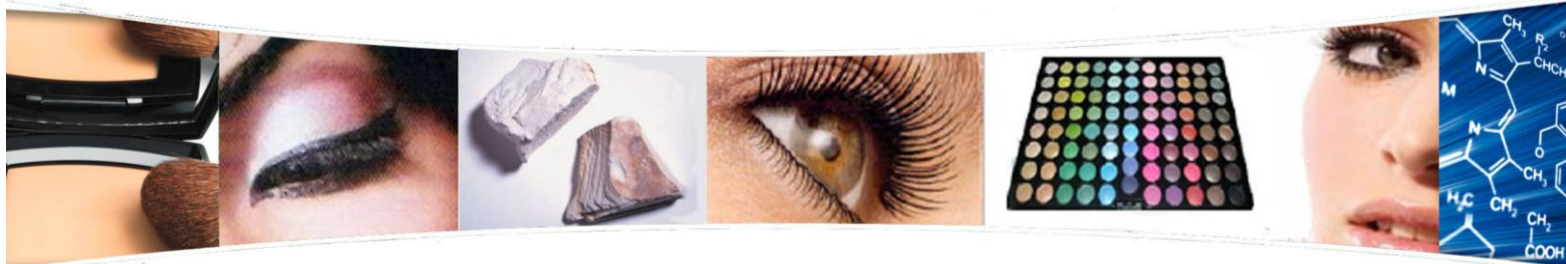
Distinctive® Silken Powders

February 11, 2013

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Luxurious Treated Minerals for Ultimate Smoothness

Resources Of Nature's surface treatment and processing technology dramatically alters the skin feel of natural mineral powders, making them more suitable for a much broader array of products and skin types. By using their specialized, hydrophobic silicone treatment, sharp edges are eradicated and smoothness is maximized to create an extremely luxurious product line: **Distinctive® Silken Powders**.



Silken Powders provide a soft cushiony feel and a unique silky, creamy texture. In addition, the hydrophobic surface treatment enhances formulation performance, product spreadability, ease of application and wear properties. These materials have excellent compatibility and can be used in a variety of powders, hot pours and liquid formulations including those that contain volatile fluids.

BENEFITS

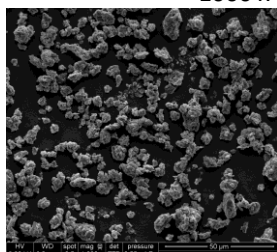
- ◆ Smooth feeling
- ◆ Resists discoloration
- ◆ Hydrophobic
- ◆ Excellent transparency
- ◆ Improved dispersability
- ◆ Light scattering
- ◆ Improved wear
- ◆ Soft finish

APPLICATIONS

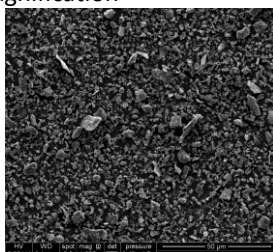
- ◆ Color cosmetics
- ◆ Powders
- ◆ Hot pours
- ◆ Aesthetic enhancement
- ◆ Oil/shine control
- ◆ Anti-aging and soft focus products
- ◆ Wet/dry powders
- ◆ Sun care

SEM ANALYSIS

1000 x magnification

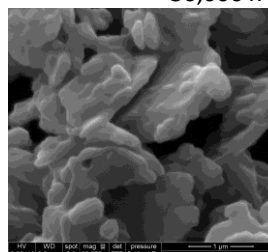


Silken Kaolin

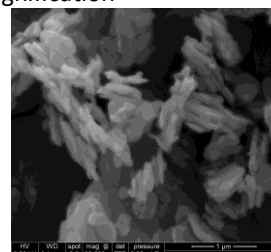


Untreated Kaolin

30,000 x magnification



Silken Kaolin



Untreated Kaolin

Soft edge powder agglomerates rub out to a silken skin feel

Distinctive® Silken Powders

AVAILABLE PRODUCTS

- ◆ Distinctive® Silken-Mica DC3864
- ◆ Distinctive® Silken-Sericite DC3865
- ◆ Distinctive® Silken-Talc DC3866
- ◆ Distinctive® Silken-ZnO DC3867
- ◆ Distinctive® Silken-Kaolin DC3868
- ◆ Distinctive® Silken-TiO₂ DC3871

COMPOSITION

Mica (and) Dimethicone (and) Hydrogen Dimethicone
 Mica (and) Dimethicone (and) Hydrogen Dimethicone
 Talc (and) Dimethicone (and) Hydrogen Dimethicone
 Zinc Oxide (and) Dimethicone (and) Hydrogen Dimethicone
 Kaolin (and) Dimethicone (and) Hydrogen Dimethicone
 Titanium Dioxide (Rutile) (and) Dimethicone (and) Hydrogen Dimethicone

SILKEN PRESSED POWDER

Formula RON11-29

PHASE	INGREDIENT	% BY WEIGHT	SUPPLIER
A	Mica	Q.S.	
A	Zinc Myristate	7.00	
A	Distinctive® Silken Kaolin	10.00	Resources Of Nature
A	Distinctive® Silken Mica	10.00	Resources Of Nature
A	Yellow Iron Oxide, Silane treated	1.00	
A	Red Iron Oxide, Silane treated	0.30	
A	Black Iron Oxide , Silane treated	0.10	
A	Calcium Silicate	0.70	
B	Silicone Fluid/350 cSt	1.50	
C	Silicone Fluid/350 cSt	4.00	
C	Squalane (Vegetable)	2.50	
C	Jeeside CAP-5	1.00	
D	DC Silica Beads	3.00	Resources Of Nature
		<hr/> 100.00	

Procedures:

In main vessel, combine Phase A ingredients.
 Blend and micronize for 1-2 minutes.
 Add Phase B. Mix for 5 minutes. Scrape walls every 30 seconds.
 Add Phase C ingredients. Mix for 5 minutes. Scrape walls every 30 seconds.
 Add Phase D. Mix for 30 seconds.
 Press at 1500 psi for 7 seconds.

Distinctive® Silken Powders

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OIL CONTROL CONCEALER

Formula RON17-28

PHASE	INGREDIENT	% BY WEIGHT	SUPPLIER
A	Propylene Glycol Diethylhexanoate	Q.S.	
A	Hydrogenated Coco-Glycerides	3.00	
A	Gransil DM-5	10.00	Resources Of Nature
A	Carnauba Wax	2.50	
A	Candelilla Wax	0.50	
A	Polyethylene	7.00	
A	Distinctive® Gel OD	10.00	Resources Of Nature
B	Distinctive® RON Ti-12 SiTr	18.20	Resources Of Nature
B	DC Silica Beads	3.00	Resources Of Nature
B	Barium Sulfate	4.00	
B	Yellow Iron Oxide, Silane treated	1.82	
B	Red Iron Oxide, Silane treated	0.59	
B	Black Iron Oxide , Silane treated	0.20	
B	Distinctive® Silken Kaolin	10.00	Resources Of Nature
B	Fumed Silica	0.10	
		<hr/> 100.00	

Procedures:

In main vessel, combine Phase A, heat to 90-95C, mix for 45 minutes.
Micro Pulverize Phase B.
Add Phase B to Phase A, mix at 90-95C for 30 minutes or until uniform.
Pour at 90C.

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